

SAMPLING AND ESTIMATION DETAILS FOR THE VIRGINIA PORTION OF  
THE NATIONAL INVENTORY OF SOIL AND WATER CONSERVATION NEEDS

BU-192-M

Thomas M. Beetle

July, 1965

Abstract

This paper provides some details on the sampling and estimation procedures for each county in Virginia. It is intended as a supplement to BU-180-M.

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Sampling and estimation procedures in Virginia were straightforward and followed the general procedures described in BU-180-M. No adjusted procedures were thought to be required. Because of its urban nature, Arlington County was not sampled.

The four numbers under the county name in the following tables denote sample design, sample unit size, sampling rate, and estimation procedure according to the following code:

First  
Number

Sample Design

1	Stratified within county
2	Stratified within land resource unit within county
3	Combination of Code 1 and Code 2

Second  
Number

Sample Size

1	100 acres
2	250 acres
3	400 acres

Third  
Number

Approximate sampling rate percentage

Fourth  
Number

Estimation Procedure

1	Single expansion ratio for entire county
2	Separate expansion ratio for each land resource unit in the county

Water estimates are excluded from the River Basin estimates in all counties.

ACCOMAC COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
276,086	5,122			276,096		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	95,265	2,236	89,546	89,047	- -	- -
<u>River Basin</u>						<u>Estimated Ac.</u>
020000 - Middle Atlantic Drainage Basin						276,096
<u>Excluded Acreage:</u>						
Federal land	18,303					
Urban	3,190					
Roads	3,219					

ALBEMARLE COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
449,889	9,300			449,880		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	54,538	106,225	264,374	24,503	- -	236
<u>River Basin</u> - Middle Atlantic Drainage Basin						<u>Estimated Ac.</u>
020800 - Rappahannock River						4,975
020910 - Pamunkey River						5,139
021000 - James River						126,267
021020 - Rivanna River						313,263
<u>Excluded Acreage:</u>						
Federal land	14,026					
Urban	5,095					
Roads	3,950					

ALLEGHANY COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
152,244	3,018			152,254		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	7,810	21,982	122,009	453	- -	- -
<u>River Basin</u> - Middle Atlantic Drainage Basin						<u>Estimated Ac.</u>
021000 - James River						152,254
<u>Excluded Acreage:</u>						
Federal land	133,336					
Urban	1,221					
Roads	1,839					

AMELIA COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

232,439

Adjusted Sample Ac.

5,100

Estimated Ac.

232,455

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	45,495	13,453	165,250	8,258	--	--

River Basin - Middle Atlantic Drainage Basin

021030 - Appomattox River

Estimated Ac.

232,455

Excluded Acreage:

Federal land	99
Urban	117
Roads	1,585

AMHERST COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

241,120

Adjusted Sample Ac.

4,865

Estimated Ac.

241,136

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	29,177	30,874	175,305	5,785	--	--

River Basin - Middle Atlantic Drainage Basin

021000 - James River

Estimated Ac.

241,136

Excluded Acreage:

Federal land	53,916
Urban	1,194
Roads	2,650

APPOMATTOX COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

215,458

Adjusted Sample Ac.

4,825

Estimated Ac.

215,456

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	33,357	18,121	158,577	5,406	--	--

River Basin - Middle Atlantic Drainage Basin

021000 - James River	
021020 - Rivanna River	
021030 - Appomattox River	
021200 - Roanoke River	

Estimated Ac.

88,899
4,769
68,196
53,592

Excluded Acreage:

Federal land	913
Urban	1,177
Roads	1,972

ARLINGTON COUNTY, VIRGINIA

Not sampled.

AUGUSTA COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>		<u>Estimated Ac.</u>			
414,852	8,206		414,869			
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	113,557	163,613	123,602	14,104	- -	- -

River Basin - Middle Atlantic Drainage Basin

020732 - Shenandoah River, South Fork	<u>Estimated Ac.</u>
	366,914
021000 - James River	47,955

Excluded Acreage:

Federal land	204,371
Urban	6,825
Roads	4,992

BATH COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>		<u>Estimated Ac.</u>			
183,117	4,480		183,120			
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	13,718	15,422	151,932	1,706	- -	342

River Basin - Middle Atlantic Drainage Basin

021000 - James River	<u>Estimated Ac.</u>
	182,778

Excluded Acreage:

Federal land	160,105
Urban	810
Roads	1,568

BEDFORD COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>		<u>Estimated Ac.</u>			
468,283	9,880		468,299			
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	87,115	100,472	268,700	11,884	- -	139

River Basin - Middle Atlantic Drainage Basin

021000 - James River	<u>Estimated Ac.</u>
	52,328
021200 - Roanoke River	415,832

Excluded Acreage:

Federal land	20,054
Urban	2,200
Roads	4,825

BLAND COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

213,072

Adjusted Sample Ac.

4,400

Estimated Ac.

213,073

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
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<u>Estimated Ac.:</u>	26,265	43,523	143,289	- -	- -	- -
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River Basins - Ohio River and Tennessee River Drainage Basins

Estimated Ac.

070710 - New River

177,002

080210 - South Fork, Holston River

36,071

Excluded Acreage:

Federal land 21,247

Urban 406

Roads 1,435

BOTETOURT COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

278,168

Adjusted Sample Ac.

6,511

Estimated Ac.

278,183

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
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<u>Estimated Ac.:</u>	58,841	69,353	140,013	8,295	- -	1,671
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River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

021000 - James River

205,512

021200 - Roanoke River

71,000

Excluded Acreage:

Federal land 69,728

Urban 855

Roads 2,609

BRUNSWICK COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

359,491

Adjusted Sample Ac.

7,700

Estimated Ac.

359,495

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
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<u>Estimated Ac.:</u>	54,979	7,556	288,594	8,350	- -	- -
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River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

021110 - Nottoway River

85,487

021120 - Meherrin River

237,523

021200 - Roanoke River

36,485

Excluded Acreage:

Federal land 4,546

Inundations 177

Urban 3,328

Roads 3,018

BUCHANAN COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
322,045	6,900			322,072		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	9,966	22,571	286,092	2,590	- -	856
<u>River Basin</u> - Ohio River Drainage Basin						<u>Estimated Ac.</u>
070910 - Big Sandy River, Levisa Fork						321,216
<u>Excluded Acreage:</u>						
Urban	800					
Roads	2,275					

BUCKINGHAM COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
362,633	8,017			362,648		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	30,466	12,772	312,691	6,725	- -	- -
<u>River Basin</u> - Middle Atlantic Drainage Basin						<u>Estimated Ac.</u>
021000 - James River						333,210
021030 - Appomattox River						29,438
<u>Excluded Acreage:</u>						
Federal land	2,699					
Urban	484					
Roads	2,822					

CAMPBELL COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
333,388	7,012			333,383		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	57,313	35,934	220,221	19,696	- -	231
<u>River Basin</u> - Middle Atlantic Drainage Basin						<u>Estimated Ac.</u>
021000 - James River						62,016
021200 - Roanoke River						271,136
<u>Excluded Acreage:</u>						
Urban	2,348					
Roads	3,464					

CAROLINE COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

269,585

Adjusted Sample Ac.

5,891

Estimated Ac.

269,581

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	44,895	10,138	207,062	6,603	- -	885

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

020800 - Rappahannock River

32,479

020910 - Pamunkey River

41,421

020920 - Mattaponi River

194,796

Excluded Acreage:

Federal land 75,520

Urban 500

Roads 2,555

CARROLL COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

306,548

Adjusted Sample Ac.

6,300

Estimated Ac.

306,529

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	48,710	100,092	155,765	618	- -	1,350

River Basins - South Atlantic-Gulf and Ohio River Drainage Basins

Estimated Ac.

030500 - Yadkin-Pee Dee River

37,200

070710 - New River

267,979

Excluded Acreage:

Federal land 6,033

Urban 275

Roads 4,584

CHARLES CITY COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

116,899

Adjusted Sample Ac.

2,700

Estimated Ac.

116,899

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	16,129	6,204	83,462	10,628	- -	477

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

021000 - James River

116,422

Excluded Acreage:

Urban 35

Roads 826



CHARLOTTE COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

292,709

Adjusted Sample Ac.

6,356

Estimated Ac.

292,703

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	53,123	16,217	207,082	15,908	- -	352

River Basin - Middle Atlantic Drainage Basin

021120 - Meherrin River

021200 - Roanoke River

Estimated Ac.

7,828

284,523

Excluded Acreage:

Federal land 2,065

Inundations 672

Urban 1,475

Roads 2,599

CHESTERFIELD COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

280,015

Adjusted Sample Ac.

5,871

Estimated Ac.

280,012

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	27,069	4,767	244,314	2,655	- -	1,205

River Basin - Middle Atlantic Drainage Basin

021000 - James River

021030 - Appomattox River

Estimated Ac.

78,477

200,330

Excluded Acreage:

Federal land 1,728

Urban 12,170

Roads 3,687

CLARKE COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

108,378

Adjusted Sample Ac.

2,500

Estimated Ac.

108,381

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	24,917	36,764	44,099	2,600	- -	- -

River Basin - Middle Atlantic Drainage Basin

020700 - Potomac River

020730 - Shenandoah River

Estimated Ac.

21,410

86,971

Excluded Acreage:

Federal land 10

Urban 1,800

Roads 1,172

CRAIG COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

101,291

Adjusted Sample Ac.

1,874

Estimated Ac.

101,293

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	2,117	27,441	70,244	1,494	- -	- -

River Basins - Middle Atlantic and Ohio River Drainage Basins

Estimated Ac.

021000 - James River

73,838

070710 - New River

27,455

Excluded Acreage:

Federal land 112,084

Urban 480

Roads 1,185

CULPEPER COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

245,419

Adjusted Sample Ac.

5,100

Estimated Ac.

245,421

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	77,094	66,167	93,016	9,142	- -	- -

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

020800 - Rappahannock River

245,421

Excluded Acreage:

Inundations 76

Urban 1,140

Roads 2,325

CUMBERLAND COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

182,228

Adjusted Sample Ac.

4,100

Estimated Ac.

182,220

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	25,738	15,569	131,278	9,646	- -	- -

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

021000 - James River

106,614

021030 - Appomattox River

75,606

Excluded Acreage:

Urban 225

Roads 1,867

DICKENSON COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

201,738

Adjusted Sample Ac.

4,300

Estimated Ac.

201,746

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	8,222	26,867	165,604	1,054	--	--

River Basin - Ohio River Drainage Basin

070910 - Big Sandy River, Levisa Fork

Estimated Ac.

201,746

Excluded Acreage:

Federal land	9,003
Urban	1,540
Roads	2,121

DINWIDDIE COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

305,561

Adjusted Sample Ac.

6,700

Estimated Ac.

305,544

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	49,133	5,096	247,382	3,941	--	--

River Basin - Middle Atlantic Drainage Basin

021110 - Nottoway River

Estimated Ac.

305,544

Excluded Acreage:

Federal land	15,046
Inundations	45
Urban	932
Roads	2,896

HAMPTON CITY COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

4,000

Adjusted Sample Ac.

691

Estimated Ac.

3,999

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	561	126	1,729	1,585	--	--

River Basin - Middle Atlantic Drainage Basin

020000 - Middle Atlantic Drainage Basin

021000 - James River

Estimated Ac.

1,445

2,554

Excluded Acreage:

(No breakdown)	31,842
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ESSEX COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

158,482

Adjusted Sample Ac.

3,700

Estimated Ac.

158,493

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	40,943	12,967	104,131	449	- -	- -

River Basin - Middle Atlantic Drainage Basin

020000 - Middle Atlantic Drainage Basin

020800 - Rappahannock River

Estimated Ac.

2,976

155,517

Excluded Acreage:

Urban 173

Roads 1,345

FAIRFAX COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

166,308

Adjusted Sample Ac.

5,556

Estimated Ac.

166,302

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	18,448	20,938	116,325	10,587	- -	- -

River Basin - Middle Atlantic Drainage Basin

020700 - Potomac River

Estimated Ac.

166,302

Excluded Acreage:

(No breakdown) 98,658

FAUQUIER COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

412,036

Adjusted Sample Ac.

8,474

Estimated Ac.

412,020

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	90,669	111,206	184,817	25,339	- -	- -

River Basin - Middle Atlantic Drainage Basin

020700 - Potomac River

020800 - Rappahannock River

Estimated Ac.

217,399

194,621

Excluded Acreage:

Federal land 5,875

Inundations 75

Urban 580

Roads 3,834

FLOYD COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

239,120

Adjusted Sample Ac.

5,100

Estimated Ac.

239,112

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	30,284	95,124	113,710	- -	- -	- -

River Basin - Ohio River Drainage Basin

070710 - New River

Estimated Ac.

239,112

Excluded Acreage:

Federal land	2,765
Urban	280
Roads	2,955

FLUVANNA COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

178,520

Adjusted Sample Ac.

3,700

Estimated Ac.

178,515

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	17,036	17,206	132,845	11,437	- -	- -

River Basin - Middle Atlantic Drainage Basin

021000 - James River

021020 - Rivanna River

Estimated Ac.

87,615

90,900

Excluded Acreage:

Inundations	65
Urban	428
Roads	1,467

FRANKLIN COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

450,900

Adjusted Sample Ac.

9,693

Estimated Ac.

450,902

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	93,072	48,059	296,823	12,374	- -	577

River Basin - Middle Atlantic Drainage Basin

021200 - Roanoke River

021210 - Dan River

Estimated Ac.

374,320

76,005

Excluded Acreage:

Federal land	2,258
Inundations	41
Urban	1,920
Roads	4,399

FREDERICK COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

268,534

Adjusted Sample Ac.

5,451

Estimated Ac.

268,540

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	72,795	54,489	132,380	8,873	- -	- -

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

020730 - Shenandoah River

18,598

020731 - Shenandoah River, North Fork

45,341

020700 - Potomac River

204,601

Excluded Acreage:

Federal land 4,468

Urban 740

Roads 2,738

GILES COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

175,068

Adjusted Sample Ac.

3,954

Estimated Ac.

175,075

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	14,306	49,834	110,897	41	- -	- -

River Basin - Ohio River Drainage Basin

Estimated Ac.

070710 - New River

175,075

Excluded Acreage:

Federal land 49,456

Urban 1,559

Roads 1,757

GLOUCESTER COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

141,718

Adjusted Sample Ac.

3,200

Estimated Ac.

141,723

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	23,448	6,016	104,462	7,798	- -	- -

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

020000 - Middle Atlantic Drainage Basin

99,509

020900 - York River

42,214

Excluded Acreage:

Urban 905

Roads 1,377

GOOCHLAND COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

182,756

Adjusted Sample Ac.

3,800

Estimated Ac.

182,751

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	23,034	26,183	124,640	8,890	- -	- -

River Basin - Middle Atlantic Drainage Basin

021000 - James River

Estimated Ac.

182,751

Excluded Acreage:

Inundations	43
Urban	489
Roads	1,672

GRAYSON COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

271,989

Adjusted Sample Ac.

5,300

Estimated Ac.

271,971

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	35,355	144,636	89,739	47	- -	2,191

River Basin - Ohio River Drainage Basin

070710 - New River

Estimated Ac.

269,780

Excluded Acreage:

Federal land	12,982
Urban	366
Roads	3,303

GREENE COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

82,893

Adjusted Sample Ac.

1,800

Estimated Ac.

82,907

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	20,546	21,765	36,583	4,009	- -	- -

River Basin - Middle Atlantic Drainage Basin

020800 - Rappahannock River

021020 - Rivanna River

Estimated Ac.

31,858

51,049

Excluded Acreage:

Federal land	13,925
Urban	218
Roads	884

GREENSVILLE COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

189,127

Adjusted Sample Ac.

4,100

Estimated Ac.

189,143

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	50,576	1,955	133,152	2,898	- -	561

River Basin - Middle Atlantic Drainage Basin

021110 - Nottoway River

Estimated Ac.

22,776

021120 - Meherrin River

165,806

Excluded Acreage:

Urban 2,191

Roads 1,322

HALIFAX COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

494,968

Adjusted Sample Ac.

10,925

Estimated Ac.

494,940

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	127,018	34,478	290,907	42,529	- -	- -

River Basin - Middle Atlantic Drainage Basin

021200 - Roanoke River

Estimated Ac.

135,225

021210 - Dan River

359,715

Excluded Acreage:

Federal land 9,854

Inundations 3,860

Urban 3,950

Roads 4,488

HANOVER COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

293,645

Adjusted Sample Ac.

6,470

Estimated Ac.

293,656

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	71,070	20,560	197,210	4,445	- -	373

River Basin - Middle Atlantic Drainage Basin

020910 - Pamunkey River

Estimated Ac.

248,907

021000 - James River

44,376

Excluded Acreage:

Federal land 229

Urban 1,495

Roads 2,871



HENRICO COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

124,870

Adjusted Sample Ac.

2,567

Estimated Ac.

124,866

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
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<u>Estimated Ac.:</u>	27,830	13,106	80,727	3,202	- -	- -
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River Basin - Middle Atlantic Drainage Basin

021000 - James River

Estimated Ac.

124,866

Excluded Acreage:

Federal land 446

Urban 22,012

Roads 1,152

HENRY COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

237,898

Adjusted Sample Ac.

5,228

Estimated Ac.

237,914

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
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<u>Estimated Ac.:</u>	28,618	20,857	179,822	8,119	- -	503
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River Basin - Middle Atlantic Drainage Basin

021200 - Roanoke River

021210 - Dan River

Estimated Ac.

8,599

228,812

Excluded Acreage:

Federal land 390

Inundations 41

Urban 5,217

Roads 2,854

HIGHLAND COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

210,804

Adjusted Sample Ac.

4,200

Estimated Ac.

210,807

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
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<u>Estimated Ac.:</u>	7,686	55,891	143,033	4,190	- -	- -
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River Basin - Middle Atlantic Drainage Basin

020720 - Potomac River, South Branch

021000 - James River

Estimated Ac.

56,570

154,237

Excluded Acreage:

Federal land 53,461

Urban 500

Roads 1,475

ISLE OF WIGHT COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
201,121	4,446			201,121		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	64,548	5,068	121,492	9,988	-	134

River Basin - Middle Atlantic Drainage Basin

021000 - James River	<u>Estimated Ac.</u>
	66,436
021111 - Blackwater River	134,685

Excluded Acreage:

Inundations	420
Urban	1,679
Roads	2,220

JAMES CITY COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
86,735	2,162			86,734		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	13,362	1,084	60,817	11,341	-	134

River Basin - Middle Atlantic Drainage Basin

020900 - York River	<u>Estimated Ac.</u>
	22,515
021000 - James River	64,085

Excluded Acreage:

Federal land	2,516
Urban	4,440
Roads	1,029

KING AND QUEEN COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
201,689	4,644			201,683		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	34,250	760	158,697	6,560	-	1,419

River Basin - Middle Atlantic Drainage Basin

020000 - Middle Atlantic Drainage Basin	<u>Estimated Ac.</u>
	39,644
020900 - York River	36,592
020920 - Mattaponi River	124,028

Excluded Acreage:

Urban	275
Roads	1,556

KING GEORGE COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>		<u>Estimated Ac.</u>			
108,615	2,494		108,612			
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	25,582	9,364	67,755	4,857	- -	1,042

River Basin - Middle Atlantic Drainage Basin

020700 - Potomac River	<u>Estimated Ac.</u>
	52,550
020800 - Rappahannock River	55,020

Excluded Acreage:

Federal land	3,853
Urban	280
Roads	1,172

KING WILLIAM COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>		<u>Estimated Ac.</u>			
176,651	3,777		176,663			
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	31,458	4,825	123,540	16,468	- -	375

River Basin - Middle Atlantic Drainage Basin

020910 - Pamunkey River	<u>Estimated Ac.</u>
	88,194
020920 - Mattaponi River	88,094

Excluded Acreage:

Urban	345
Roads	924

LANCASTER COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>		<u>Estimated Ac.</u>			
89,036	1,800		89,034			
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	28,849	1,536	56,758	1,544	- -	351

River Basin - Middle Atlantic Drainage Basin

020000 - Middle Atlantic Drainage Basin	<u>Estimated Ac.</u>
	12,929
020800 - Rappahannock River	75,754

Excluded Acreage:

Urban	705
Roads	1,139

LEE COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

263,906

Adjusted Sample Ac.

6,000

Estimated Ac.

263,904

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	53,992	73,780	131,109	4,831	- -	193

River Basin - Tennessee River Drainage Basin

080410 - Powell River

Estimated Ac.

263,711

Excluded Acreage:

Federal land	9,895
Urban	1,137
Roads	2,822

LOUDOUN COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

315,251

Adjusted Sample Ac.

7,057

Estimated Ac.

315,256

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	110,096	96,667	93,116	14,626	- -	750

River Basin - Middle Atlantic Drainage Basin

020700 - Potomac River

Estimated Ac.

314,506

Excluded Acreage:

Federal land	7,800
Urban	4,266
Roads	3,563

LOUISA COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

325,593

Adjusted Sample Ac.

6,900

Estimated Ac.

325,597

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	39,241	29,047	237,213	20,100	- -	- -

River Basin - Middle Atlantic Drainage Basin

020910 - Pamunkey River

Estimated Ac.

325,597

Excluded Acreage:

Inundations	60
Urban	633
Roads	2,674

LUNENBURG COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

279,847

Adjusted Sample Ac.

6,100

Estimated Ac.

279,844

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	34,385	13,034	209,831	22,581	- -	- -

River Basin - Middle Atlantic Drainage Basin

021110 - Nottoway River

Estimated Ac.

63,953

021120 - Meherrin River

215,891

Excluded Acreage:

Urban 1,300

Roads 2,373

MADISON COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

174,692

Adjusted Sample Ac.

3,380

Estimated Ac.

174,699

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	35,543	43,046	92,358	3,673	- -	84

River Basin - Middle Atlantic Drainage Basin

020800 - Rappahannock River

Estimated Ac.

174,615

Excluded Acreage:

Federal land 32,574

Urban 335

Roads 1,679

MATHEWS COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

53,689

Adjusted Sample Ac.

1,295

Estimated Ac.

53,689

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	10,949	137	35,997	6,608	- -	- -

River Basin

020000 - Middle Atlantic Drainage Basin

Estimated Ac.

53,689

Excluded Acreage:

Urban 1,210

Roads 781

MECKLENBURG COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
362,395	8,371			362,405		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	93,398	17,479	224,557	25,354	- -	1,636

River Basin - Middle Atlantic Drainage Basin

021120 - Meherrin River	<u>Estimated Ac.</u>
021200 - Roanoke River	72,467
	288,302

Excluded Acreage:

Federal land	31,236
Inundations	24,964
Urban	3,024
Roads	3,981

MIDDLESEX COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
82,937	1,888			82,935		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	24,657	696	55,483	1,525	- -	573

River Basin - Middle Atlantic Drainage Basin

020000 - Middle Atlantic Drainage Basin	<u>Estimated Ac.</u>
020800 - Rappahannock River	47,282
	35,080

Excluded Acreage:

Urban	670
Roads	873

MONTGOMERY COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
229,308	4,709			229,296		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	14,081	99,162	111,559	3,672	- -	819

River Basins - Middle Atlantic and Ohio River Drainage Basins

021200 - Roanoke River	<u>Estimated Ac.</u>
070710 - New River	132,361
	96,116

Excluded Acreage:

Federal land	19,005
Urban	2,060
Roads	2,427

NANSEMOND COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>	<u>Estimated Ac.</u>
245,568	5,557	245,582

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	72,322	3,145	158,217	10,873	- -	1,034

<u>River Basin</u> - Middle Atlantic Drainage Basin	<u>Estimated Ac.</u>
020000 - Middle Atlantic Drainage Basin	81,694
021000 - James River	14,077
021100 - Chowan River	63,012
021111 - Blackwater River	85,765

Excluded Acreage:

Federal land	2,395
Inundations	200
Urban	6,675
Roads	2,442

NELSON COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>	<u>Estimated Ac.</u>
278,971	5,900	278,984

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	25,909	33,714	203,653	15,167	- -	532

<u>River Basin</u> - Middle Atlantic Drainage Basin	<u>Estimated Ac.</u>
021000 - James River	278,452

Excluded Acreage:

Federal land	15,015
Urban	2,878
Roads	2,656

NEW KENT COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>	<u>Estimated Ac.</u>
134,080	3,006	134,075

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	15,472	1,873	106,855	9,768	- -	106

<u>River Basin</u> - Middle Atlantic Drainage Basin	<u>Estimated Ac.</u>
020900 - York River	9,603
020910 - Pamunkey River	51,713
021000 - James River	72,653

Excluded Acreage:

Urban	260
Roads	1,340

NORFOLK COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

221,086

Adjusted Sample Ac.

4,830

Estimated Ac.

221,083

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	42,908	1,434	164,042	11,772	- -	922

River Basin

020000 - Middle Atlantic Drainage Basin

Estimated Ac.

220,161

Excluded Acreage:

Federal land	5,737
Urban	956
Roads	2,621

NORTHAMPTON COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

141,158

Adjusted Sample Ac.

3,161

Estimated Ac.

141,165

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	51,172	745	38,642	46,556	- -	4,052

River Basin

020000 - Middle Atlantic Drainage Basin

Estimated Ac.

137,113

Excluded Acreage:

Federal land	1,200
Urban	1,037
Roads	1,245

NORTHUMBERLAND COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

126,055

Adjusted Sample Ac.

2,584

Estimated Ac.

126,056

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	43,095	3,414	74,922	3,622	- -	1,006

River Basin - Middle Atlantic Drainage Basin

020700 - Potomac River

Estimated Ac.

125,050

Excluded Acreage:

Urban	550
Roads	1,395



NOTTOWAY COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
167,397	3,841			167,397		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	38,011	7,590	115,208	5,970	- -	609
<u>River Basin</u> - Middle Atlantic Drainage Basin						<u>Estimated Ac.</u>
021030 - Appomattox River						91,425
021110 - Nottoway River						75,363
<u>Excluded Acreage:</u>						
Federal land	25,767					
Urban	2,176					
Roads	1,780					

ORANGE COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
223,258	4,692			223,251		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	37,663	50,673	130,451	4,465	- -	- -
<u>River Basin</u> - Middle Atlantic Drainage Basin						<u>Estimated Ac.</u>
020800 - Rappahannock River						115,359
020910 - Pamunkey River						97,807
021020 - Rivanna River						5,267
020920 - Mattaponi River						4,818
<u>Excluded Acreage:</u>						
Federal land	259					
Urban	983					
Roads	2,060					

PAGE COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
134,805	3,300			134,811		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	51,223	24,651	54,700	3,655	- -	575
<u>River Basin</u> - Middle Atlantic Drainage Basin						<u>Estimated Ac.</u>
020732 - Shenandoah River, South Fork						134,236
<u>Excluded Acreage:</u>						
Federal land	63,166					
Urban	2,880					
Roads	1,389					

PATRICK COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

288,887

Adjusted Sample Ac.

6,578

Estimated Ac.

288,906

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	36,142	24,800	223,074	4,624	- -	266

River Basins - Middle Atlantic and South Atlantic-Gulf Drainage Basins - Estimated Ac.

021210 - Dan River

252,603

030500 - Yadkin-Pee Dee River

36,037

Excluded Acreage:

Federal land 7,688

Urban 445

Roads 3,140

PITTSYLVANIA COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

643,088

Adjusted Sample Ac.

13,338

Estimated Ac.

643,127

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	162,159	60,440	389,004	31,457	- -	51

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

021200 - Roanoke River

172,885

021210 - Dan River

470,191

Excluded Acreage:

Inundations 400

Urban 3,802

Roads 6,791

POWHATAN COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

170,169

Adjusted Sample Ac.

3,800

Estimated Ac.

170,173

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	25,459	7,352	132,712	4,655	- -	- -

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

021000 - James River

123,272

021030 - Appomattox River

46,901

Excluded Acreage:

Urban 180

Roads 1,171

PRINCE EDWARD COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
224,732	5,400			224,720		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	42,674	16,233	156,110	9,601	- -	100
<u>River Basin</u> - Middle Atlantic Drainage Basin						<u>Estimated Ac.</u>
021030 - Appomattox River						224,620
<u>Excluded Acreage:</u>						
Urban	1,725					
Roads	2,023					

PRINCE GEORGE COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
171,408	3,600			171,408		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	36,964	2,376	130,213	1,866	- -	- -
<u>River Basin</u> - Middle Atlantic Drainage Basin						<u>Estimated Ac.</u>
021000 - James River						77,656
021030 - Appomattox River						4,166
021110 - Nottoway River						23,280
021111 - Blackwater River						66,306
<u>Excluded Acreage:</u>						
Federal land	8,053					
Urban	476					
Roads	1,823					

PRINCESS ANNE COUNTY, VIRGINIA

2, 1, 2, 2

<u>Adjusted Census Ac.</u>	<u>Adjusted Sample Ac.</u>			<u>Estimated Ac.</u>		
142,567	2,927			142,574		
<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	32,623	7,223	30,376	71,307	- -	1,045
<u>River Basin</u>						<u>Estimated Ac.</u>
020000 - Middle Atlantic Drainage Basin						141,529
<u>Excluded Acreage:</u>						
Federal land	12,365					
Urban	13,275					
Roads	2,673					

PRINCE WILLIAM COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

156,896

Adjusted Sample Ac.

3,646

Estimated Ac.

156,905

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	38,725	20,313	77,726	19,801	- -	360

River Basin - Middle Atlantic Drainage Basin

020700 - Potomac River

Estimated Ac.

156,545

Excluded Acreage:

Federal land	49,174
Inundations	1,325
Urban	12,344
Roads	2,341

PULASKI COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

179,246

Adjusted Sample Ac.

3,761

Estimated Ac.

179,239

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	25,396	64,123	89,251	471	- -	- -

River Basin - Ohio River Drainage Basin

070710 - New River

Estimated Ac.

179,239

Excluded Acreage:

Federal land	23,568
Urban	4,758
Roads	1,708

RAPPAHANNOCK COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

137,639

Adjusted Sample Ac.

3,106

Estimated Ac.

137,643

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	16,176	55,926	62,138	3,403	- -	- -

River Basin - Middle Atlantic Drainage Basin

020800 - Rappahannock River

Estimated Ac.

137,643

Excluded Acreage:

Federal land	31,843
Urban	86
Roads	1,313

RICHMOND COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

121,264

Adjusted Sample Ac.

2,757

Estimated Ac.

121,258

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
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<u>Estimated Ac.:</u>	30,314	723	86,534	3,688	- -	- -
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River Basin - Middle Atlantic Drainage Basin

020800 - Rappahannock River

Estimated Ac.

121,258

Excluded Acreage:

Urban 560

Roads 1,056

ROANOKE COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

162,757

Adjusted Sample Ac.

3,389

Estimated Ac.

162,758

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
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<u>Estimated Ac.:</u>	12,790	35,574	102,403	11,108	- -	883
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River Basin - Middle Atlantic Drainage Basin

021000 - James River

021200 - Roanoke River

Estimated Ac.

9,692

152,183

Excluded Acreage:

Federal land 1,866

Urban 9,840

Roads 2,177

ROCKBRIDGE COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

315,418

Adjusted Sample Ac.

7,450

Estimated Ac.

315,443

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
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<u>Estimated Ac.:</u>	59,327	75,795	167,588	11,756	- -	972
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River Basin - Middle Atlantic Drainage Basin

021000 - James River

021010 - Maury (North) River

Estimated Ac.

31,709

282,762

Excluded Acreage:

Federal land 64,441

Urban 3,115

Roads 3,586

ROCKINGHAM COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

376,174

Adjusted Sample Ac.

6,842

Estimated Ac.

376,173

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	106,981	134,239	126,799	7,592	- -	553

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

020731 - Shenandoah River, North Fork

150,420

020732 - Shenandoah River, South Fork

225,200

Excluded Acreage:

Federal land 170,598

Urban 4,571

Roads 4,817

RUSSELL COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

298,237

Adjusted Sample Ac.

6,743

Estimated Ac.

298,233

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	38,865	137,149	119,769	2,118	- -	328

River Basin - Tennessee River Drainage Basin

Estimated Ac.

080200 - Holston River

36,556

080400 - Clinch River

261,349

Excluded Acreage:

Urban 7,862

Roads 3,021

SCOTT COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

309,411

Adjusted Sample Ac.

6,700

Estimated Ac.

309,405

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	48,193	91,877	162,636	6,154	- -	557

River Basin - Tennessee River Drainage Basin

Estimated Ac.

080200 - Holston River

123,290

080210 - South Fork, Holston River

7,352

080400 - Clinch River

178,206

Excluded Acreage:

Federal land 30,965

Urban 1,364

Roads 3,221

SHENANDOAH COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

243,029

Adjusted Sample Ac.

5,500

Estimated Ac.

243,033

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
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<u>Estimated Ac.:</u>	58,721	71,602	104,964	7,635	- -	101
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River Basin - Middle Atlantic Drainage Basin

020731 - Shenandoah River, North Fork

Estimated Ac.

242,932

Excluded Acreage:

Federal land 75,924

Urban 2,327

Roads 3,200

SMYTH COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

209,645

Adjusted Sample Ac.

4,414

Estimated Ac.

209,670

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
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<u>Estimated Ac.:</u>	37,947	65,847	105,069	363	- -	443
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River Basins - Ohio and Tennessee River Drainage Basins

070710 - New River

080200 - Holston River

080210 - South Fork, Holston River

Estimated Ac.

8,061

77,393

123,773

Excluded Acreage:

Federal land 61,015

Urban 5,395

Roads 2,345

SOUTHAMPTON COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

382,864

Adjusted Sample Ac.

8,173

Estimated Ac.

382,877

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
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<u>Estimated Ac.:</u>	115,221	10,687	245,088	11,175	- -	715
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River Basin - Middle Atlantic Drainage Basin

021110 - Nottoway River

021111 - Blackwater River

021120 - Meherrin River

Estimated Ac.

189,573

97,982

94,607

Excluded Acreage:

Urban 2,309

Roads 3,307

SPOTSYLVANIA COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.  
258,478

Adjusted Sample Ac.  
5,724

Estimated Ac.  
258,489

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	34,803	16,476	197,919	9,272	- -	- -

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

020800 - Rappahannock River	54,740
020910 - Pamunkey River	73,738
020920 - Mattaponi River	130,011

Excluded Acreage:

Federal land	2,164
Urban	1,687
Roads	1,991

STAFFORD COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.  
137,839

Adjusted Sample Ac.  
3,147

Estimated Ac.  
137,841

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	20,939	8,663	103,528	3,575	- -	1,133

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

020700 - Potomac River	85,382
020800 - Rappahannock River	51,326

Excluded Acreage:

Federal land	32,690
Urban	1,290
Roads	1,646

SURRY COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.  
177,335

Adjusted Sample Ac.  
3,841

Estimated Ac.  
177,339

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	40,376	1,979	125,652	4,919	- -	4,396

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

021000 - James River	61,180
021111 - Blackwater River	111,763

Excluded Acreage:

Urban	526
Roads	1,339



SUSSEX COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

312,820

Adjusted Sample Ac.

6,800

Estimated Ac.

312,816

Land Use:

Cropland

Pasture

Forest

Other

Urban

Water

Estimated Ac.: 52,058

10,935

242,636

5,044

- -

2,135

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

021110 - Nottoway River

257,062

021111 - Blackwater River

53,619

Excluded Acreage:

Urban 1,843

Roads 2,777

TAZEWELL COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

322,117

Adjusted Sample Ac.

7,200

Estimated Ac.

322,133

Land Use:

Cropland

Pasture

Forest

Other

Urban

Water

Estimated Ac.: 37,957

94,742

187,826

1,480

- -

127

River Basins - Ohio and Tennessee River Drainage Basins

Estimated Ac.

070710 - New River

95,465

070920 - Big Sandy River, Tug Fork

17,101

080200 - Holston River

2,539

080400 - Clinch River

206,901

Excluded Acreage:

Federal land 5,256

Urban 3,926

Roads 2,781

WARREN COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

117,699

Adjusted Sample Ac.

2,400

Estimated Ac.

117,700

Land Use:

Cropland

Pasture

Forest

Other

Urban

Water

Estimated Ac.: 11,656

40,156

63,230

2,657

- -

- -

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

020730 - Shenandoah River

38,620

020731 - Shenandoah River, North Fork

23,844

020732 - Shenandoah River, South Fork

55,236

Excluded Acreage:

Federal land 18,178

Urban 3,130

Roads 1,153

WARWICK COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

4,800

Adjusted Sample Ac.

512

Estimated Ac.

4,801

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	412	575	3,377	436	- -	- -

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

020000 - Middle Atlantic Drainage Basin

2,437

021000 - James River

2,364

Excluded Acreage:

(No breakdown) 40,640

WASHINGTON COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

346,588

Adjusted Sample Ac.

7,520

Estimated Ac.

346,625

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	82,495	127,820	130,620	3,413	- -	2,293

River Basin - Tennessee River Drainage Basin

Estimated Ac.

080200 - Holston River

150,359

080210 - South Fork, Holston River

193,973

Excluded Acreage:

Federal land 17,428

Urban 2,740

Roads 3,804

WESTMORELAND COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

143,866

Adjusted Sample Ac.

3,376

Estimated Ac.

143,880

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	50,226	4,231	87,646	1,330	- -	455

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

020700 - Potomac River

96,249

020800 - Rappahannock River

47,176

Excluded Acreage:

Federal land 320

Urban 5,140

Roads 1,714

WISE COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

230,692

Adjusted Sample Ac.

5,215

Estimated Ac.

230,697

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	8,756	20,111	187,809	14,023	- -	- -

River Basins - Ohio and Tennessee River Drainage Basins

Estimated Ac.

070910 - Big Sandy River, Levisa Fork

94,162

080400 - Clinch River

21,049

080410 - Powell River

115,486

Excluded Acreage:

Federal land 29,020

Urban 3,050

Roads 2,187

WYTHE COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

240,408

Adjusted Sample Ac.

5,300

Estimated Ac.

240,427

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	63,724	83,619	90,839	1,267	- -	986

River Basin - Ohio River Drainage Basin

Estimated Ac.

070710 - New River

239,441

Excluded Acreage:

Federal land 48,288

Urban 3,083

Roads 2,621

YORK COUNTY, VIRGINIA

2, 1, 2, 2

Adjusted Census Ac.

33,442

Adjusted Sample Ac.

1,046

Estimated Ac.

33,445

<u>Land Use:</u>	<u>Cropland</u>	<u>Pasture</u>	<u>Forest</u>	<u>Other</u>	<u>Urban</u>	<u>Water</u>
<u>Estimated Ac.:</u>	2,797	- -	22,495	8,153	- -	- -

River Basin - Middle Atlantic Drainage Basin

Estimated Ac.

020900 - York River

33,445

Excluded Acreage:

Federal land 31,381

Urban 12,920

Roads 977